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ABSTRACT

This report presents summary data on school enrollment for October 1985 and on some of the important changes in enrollment that have occurred in the past 20 years. Presented in six tables, the data are from the October school enrollment supplement to the Current Population Survey. Highlights of the report include the following findings: (1) in October 1985 there were 59.7 million persons aged 3 years old or over enrolled in school; (2) elementary, secondary, and college enrollment did not change between 1984 and 1985, but kindergarten enrollment grew; (3) significant growth in college enrollment since 1975 was attributable to increases in enrollment among older students; and (4) college enrollment among blacks remained relatively stable over the last 10 years. The report provides a brief overview of the findings, noting the impact of changing birth rates, then presents six tables providing data on recent years' enrollment rates among students by age, race, sex, national origin, and educational level. An appendix discusses the source of the data and the reliability of the estimates based upon them. (PGD)

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Current Population Reports

Population Characteristics

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School Enrollment—Social and Economic Characteristics of Students: October 1985 (Advance Report)

This report presents summary data on school enrollment for October 1985 and on some of the important changes in enrollment that have occurred in the past 20 years. The data are from the October school enrollment supplement to the Current Population Survey (CPS). Data on school enrollment of the civilian population have been collected in the CPS annually since 1946 and regularly reported in this publication series. Additional data on school enrollment in 1985 and a detailed statement on sampling variability and limitations of the data will appear in a forthcoming report on the October 1985 enrollment survey. Some of the highlights of the topics discussed in this report are:

- In October 1985, there were 59.7 million persons 3 years old and over enrolled in school.
- While elementary and secondary school enrollment did not change between October 1984 and 1985, kindergarten enrollment grew, reflecting the increase in births that began in the late 1970's.
- At the college level, there was no change in enrollment from 1984 to 1985, there was significant growth in the number of students since 1975, largely because of the increased number of older students (25 years old and over).
- Black college enrollment totalled about 1.0 million in 1985, not significantly different from the number of Black college students in any of the previous 10 years.

In October 1985, there were 59.7 million persons enrolled in school, including 4.7 million college students who were 25 years old and over. These older students have become a larger portion of the college population in recent years. They were 38 percent of all college students in 1985, compared with 34 percent in 1975 (table 4). Following a very rapid increase in college enrollment (among students 14 to 34 years old) in the 1960's and early 1970's, the rise was slow after 1975 (table 1); enrollment rose by 71 percent from 1965 to 1975 and by only 12 percent since 1975.

In 1985, there were more children attending preprimary school than ever before. While during the late 1960's and the 1970's, the size of the preprimary-age population was declining[1], the proportion of that age group enrolled in school grew substantially, which resulted in a significant increase in preprimary enrollment from 1965 to 1980. Later, however, with evidence of only a slight increase in the enrollment rate of 3-to 5-year-olds, but a substantial increase in the number of persons in the age group, due to increased births in the late 1970's and the 1980's, preprimary enrollment grew again. Over the entire 20-year period from 1965 to 1985, preprimary enrollment grew by three-fourths, while the preprimary-age population declined by 14 percent.

In 1985, 2.5 million children were enrolled in nursery school, not significantly different from the number enrolled in 1984, but 25 percent more than the 2.0 million enrolled in 1980 (table 1). Over the longer term, since 1965, the number enrolled in nursery school grew by 2 million largely because the proportion of 3-and 4-year-olds enrolled in school more than tripled. In 1985, 39 percent of 3- and 4-year-olds were enrolled, compared with 31 percent in 1975 and 11 percent in 1965 (table 2).

Kindergarten enrollment grew significantly from 1984 to 1985 to 3.8 million (table 1). From 1980 to 1985, enrollment grew by one-half million students or 17 percent[2], largely because the number of 5-year-olds grew—their enrollment rate did not grow. The enrollment rate of 5-year-olds was 71 percent in 1965, 80 percent in 1970, 91 percent in 1975, 93 percent in 1980, and 94 percent in 1985. Enrollment rates of 5-year-olds have been lower than those for elementary-school age children because kindergarten enrollment is primarily voluntary, and kindergarten has not been universally available in all public school systems[3]. With enrollment rates increasing at the same time the size of the eligible population was decreasing from the late 1960's through the 1970's, total

[1]U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 952, *Projections of the Population of the United States, by Age, Sex, and Race: 1983 to 2080.*

[2]Unpublished estimates from the October 1980 Current Population Survey controlled to the 1980 Census gives the number of students enrolled in kindergarten in 1980, as 3,272,000.

[3]Students in all States will have the opportunity to attend public kindergarten when the kindergarten program is fully implemented in the Mississippi public school system in September 1986. Three States, Delaware, Florida and Kentucky, now require successful completion of kindergarten for entrance into first grade.

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kindergarten enrollment in 1980 was not significantly different from that in 1965 (table 1).

The increase in kindergarten and nursery school enrollment in the 1980's because of increased population indicates an imminent reversal of the long-term trend of decline in elementary school enrollment[4]. From 1984 to 1985, there was no change in elementary school enrollment as that level has reached the end of its long decline, which began after enrollment peaked in 1970 (table 1). In 1985, 26.9 million students attended elementary school, four-fifths the number that were attending 15 years earlier.

At the high school level, there has been no change in the number of persons enrolled in the past 3 years. The 1985 enrollment figure was 11 percent below the 1975 to 1977 peak, however. Although neither total elementary school enrollment nor total high school enrollment has changed recently, reported private school enrollment at these levels was significantly higher in 1985 than in 1984, but not different from the estimates for 1983. In fact, 1985 private high school enrollment was not significantly different from that in any year since 1970 except 1984 (table 1).

[4]For projections of elementary-school-age population see Current Population Reports, Series P-25, No. 952, op.cit.

In the two decades preceding this survey, college enrollment increased, but substantially more in the first decade than in the second. Much of the increase in college enrollment in the 1965-75 decade was because of population growth as the early "baby boom" cohorts reached college age. In the next decade, the growth in college enrollment was primarily among older students, partially because of the aging of these early baby boom cohorts. From 1965 to 1975, the college population (14 to 34 years old) grew by about 71 percent, but in the next decade it grew by only 12 percent. From 1975 to 1985, the number of students under 25 years old grew by only 8 percent, while the number of students 25 to 34 years old grew by 24 percent. In addition, the number of students 35 years old and over grew by 40 percent in the same period (there is only some evidence that this was greater than the growth for persons 25 to 34 years old). The increase among students 25 years old and over accounted for two-thirds (65 percent) of the total increase in college enrollment between 1975 and 1985, and their proportion rose from 34 to 38 percent of all students in 1985.

In the 20 years from 1965 to 1985, there were significant changes in the distributions of college students as table A shows. Women became a larger proportion of students, as

Table A. Characteristics of College Students 14 to 34 Years Old: October 1985, 1975 and 1965

(Numbers in thousands)

Characteristic	All students			Percent change in number of students	
	1985	1975	1965	1975-85	1965-75
Number of students, 14 to 34 years	10,863	9,697	5,675	12.0	70.9
Percent	100.0	100.0	100.0	(X)	(X)
White	85.9	87.8	93.7	9.6	60.2
Black	9.7	9.8	4.8	10.7	246.0
Spanish origin	5.3	4.3	(NA)	40.8	(NA)
Men	49.2	55.1	61.7	0.1	52.5
Women	50.8	44.9	38.3	26.7	100.5
14 to 24 years	71.8	74.5	83.6	7.9	52.3
25 to 34 years	28.2	25.5	16.4	24.1	165.5
Full time	71.0	73.3	77.8	8.6	60.9
Part time	29.0	26.7	22.2	21.4	105.6
Undergraduate	83.9	83.7	84.9	12.3	68.4
First year	27.2	29.8	32.8	2.2	55.1
Second year	23.8	24.5	22.1	8.8	89.2
Third year	17.8	15.4	15.8	29.4	66.5
Fourth year	15.1	14.0	14.1	21.3	68.6
Graduate	16.1	16.4	15.1	10.1	85.0
Number of students 14 years and over	12,524	10,880	(NA)	15.1	(NA)
Percent	100.0	100.0	(NA)	(X)	(X)
Men	47.2	54.3	(NA)	-0.1	(NA)
Women	52.8	45.7	(NA)	33.2	(NA)
14 to 24 years	62.3	66.4	(NA)	7.9	(NA)
25 years and over	37.7	33.6	(NA)	29.4	(NA)
35 years and over	13.3	10.8	(NA)	40.4	(NA)

(X) Not applicable. (NA) Not available.

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did Blacks. Part-time students and older students also increased proportionately. For every group of college students shown in table A, the increase was substantially larger in the first half of the period than the second. In the first decade, the growth in the number of White and Black students was sizable, but the proportional growth was four times greater for Blacks than for Whites. In the second decade, growth for Whites was slight, and for Blacks, a significant change could not be detected (partially because of the limited sample size). For a few groups, after very large increases in the first decade, there was no change in the second. This was particularly true for male college students, who increased by 53 percent in the first decade and not at all in the second.

SYMBOLS USED IN TABLES

–	Represents zero or rounds to zero.
B	Base too small to show derived measure.
NA	Not available.
X	Not applicable.

Table 1. School Enrollment of Persons 3 to 34 Years Old, by Level and Control of School, Race, and Spanish Origin: October 1960 to 1985

(Numbers in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Level and control of school	1985	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1970	1965	1960
ALL RACES															
Total enrolled....	58,014	57,313	57,745	57,905	58,390	56,940	57,348	57,854	58,616	60,013	60,482	60,969	60,357	54,701	[5]46,260
Nursery school.....	2,491	2,354	2,350	2,153	2,058	2,026	1,987	1,869	1,824	1,618	1,526	1,748	1,096	520	(NA)
Public.....	854	761	809	729	663	657	633	636	587	562	476	574	333	127	(NA)
Private.....	1,637	1,593	1,541	1,423	1,396	1,369	1,354	1,233	1,237	1,056	1,050	1,174	763	393	(NA)
Kindergarten.....	3,815	3,484	3,361	3,299	3,161	3,069	3,176	3,025	2,989	3,191	3,490	3,393	3,183	3,057	2,092
Public.....	3,221	2,953	2,706	2,746	2,616	2,540	2,690	2,593	2,493	2,665	2,962	2,851	2,647	2,439	1,691
Private.....	594	531	656	553	545	529	486	432	496	526	528	542	536	618	401
Elementary school.....	26,866	26,838	27,198	27,412	27,795	27,059	27,449	27,865	28,490	29,234	29,774	30,446	33,950	32,474	30,349
Public.....	23,803	24,120	24,203	24,381	24,758	24,083	24,398	24,756	25,252	25,983	26,698	27,166	30,001	27,596	25,814
Private.....	3,063	2,718	2,994	3,031	3,037	2,976	3,051	3,109	3,238	3,251	3,075	3,279	3,949	4,878	4,535
High school.....	13,979	13,777	14,010	14,123	14,642	14,349	14,556	15,116	15,475	15,753	15,742	15,683	14,715	12,975	10,249
Public.....	12,764	12,721	12,792	13,004	13,523	13,249	(NA)	13,994	14,231	14,505	14,541	14,503	13,545	11,517	9,215
Private.....	1,215	1,057	1,218	1,118	1,119	1,100	(NA)	1,122	1,244	1,248	1,201	1,180	1,170	1,457	1,033
College.....	10,863	10,859	10,825	10,919	10,734	10,437	10,180	9,978	9,838	10,217	9,950	9,697	7,413	5,675	3,570
Public.....	8,379	8,467	8,183	8,354	8,159	7,911	(NA)	7,699	7,427	7,925	7,739	7,704	5,699	3,840	2,307
Private.....	2,483	2,392	2,640	2,565	2,576	2,525	(NA)	2,280	2,410	2,292	2,211	1,994	1,714	1,835	1,262
College:															
Full time.....	7,720	7,822	7,711	7,736	7,569	7,384	7,147	7,010	6,979	7,196	7,176	7,105	5,763	4,414	2,681
Percent.....	71.1	72.0	71.2	70.8	70.5	70.7	70.2	70.3	70.9	70.4	72.1	73.3	77.7	77.8	75.1
Part time.....	3,143	3,037	3,114	3,183	3,166	3,053	3,033	2,968	2,859	3,021	2,773	2,592	1,650	1,261	887
WHITE															
Total enrolled....	47,452	46,941	47,423	47,662	48,169	47,098	47,673	48,225	48,843	50,151	50,761	51,430	51,719	47,451	[5]40,348
Nursery school.....	2,087	1,915	1,932	1,783	1,685	1,657	1,637	1,537	1,456	1,314	1,246	1,432	893	451	(NA)
Public.....	617	543	563	504	447	441	432	428	351	372	318	392	198	93	(NA)
Private.....	1,470	1,372	1,369	1,279	1,238	1,216	1,205	1,110	1,105	942	929	1,040	695	358	(NA)
Kindergarten.....	3,060	2,788	2,769	2,677	2,597	2,514	2,595	2,437	2,452	2,611	2,881	2,845	2,706	2,648	1,849
Public.....	2,545	2,319	2,181	2,189	2,130	2,060	2,172	2,069	2,009	2,153	2,423	2,363	2,233	2,086	1,485
Private.....	515	469	588	489	467	453	423	368	444	458	457	483	473	562	364
Elementary school.....	21,593	21,730	22,054	22,297	22,663	22,081	22,510	22,959	23,524	24,262	24,776	25,412	28,638	27,679	26,035
Public.....	18,817	19,282	19,340	19,583	19,924	19,390	19,743	20,174	20,551	21,312	21,947	22,351	24,923	22,976	21,696
Private.....	2,776	2,449	2,714	2,713	2,739	2,691	2,768	2,785	2,973	2,950	2,829	3,059	3,715	4,703	4,339
High school.....	11,378	11,240	11,425	11,577	12,062	11,862	12,056	12,583	12,897	13,152	13,214	13,224	12,723	11,356	9,122
Public.....	10,258	10,266	10,339	10,541	11,035	10,849	(NA)	11,549	11,741	11,980	12,093	12,112	11,599	9,961	8,124
Private.....	1,120	974	1,086	1,036	1,027	1,013	(NA)	1,033	1,156	1,172	1,121	1,112	1,124	1,395	999
College.....	9,334	9,269	9,242	9,328	9,162	8,983	8,875	8,709	8,514	8,812	8,644	8,516	6,759	5,317	3,342
Public.....	7,131	7,163	6,949	7,102	6,906	6,754	(NA)	6,672	6,368	6,743	6,657	6,724	5,168	3,568	2,126
Private.....	2,203	2,105	2,293	2,227	2,256	2,229	(NA)	2,037	2,145	2,069	1,987	1,792	1,591	1,749	1,215
College:															
Full time.....	6,597	6,672	6,532	6,579	6,452	6,349	6,212	6,058	5,974	6,165	6,170	6,183	5,221	4,111	(NA)
Percent.....	70.7	72.0	70.7	70.5	70.4	70.7	70.0	69.6	70.2	70.0	71.4	72.6	77.2	77.3	(NA)
BLACK															
Total enrolled....	8,444	8,226	8,199	8,262	8,350	8,282	8,251	8,317	8,416	8,564	8,518	8,400	7,829	[4]7,252	[4] [5]5,910
Nursery school.....	332	340	326	305	284	294	294	278	312	250	226	276	178	72	(NA)
Public.....	212	179	215	192	182	187	180	185	210	171	146	171	129	37	(NA)
Private.....	120	161	111	113	102	107	115	95	102	78	80	105	49	35	(NA)
Kindergarten.....	625	563	476	508	474	477	490	497	451	496	542	468	426	407	243
Public.....	562	513	427	463	412	415	440	443	414	447	482	426	374	353	206
Private.....	63	51	48	45	62	62	50	54	38	50	60	42	53	54	37
Elementary school.....	4,307	4,123	4,153	4,194	4,291	4,281	4,259	4,296	4,356	4,387	4,430	4,509	4,868	4,796	4,313
Public.....	4,131	3,947	3,964	3,974	4,087	4,072	4,058	4,053	4,154	4,166	4,256	4,344	4,668	4,620	4,118
Private.....	175	177	189	220	204	208	202	243	202	221	175	165	200	176	195
High school.....	2,131	2,061	2,143	2,128	2,168	2,150	2,200	2,245	2,276	2,327	2,258	2,199	1,834	1,619	1,127
Public.....	2,068	2,002	2,057	2,073	2,102	2,085	(NA)	2,171	2,211	2,269	2,187	2,140	1,794	1,556	1,092
Private.....	63	59	86	55	65	65	(NA)	74	65	59	71	59	41	62	34
College.....	1,049	1,138	1,102	1,127	1,133	1,080	1,007	1,002	1,020	1,103	1,062	948	522	358	227
Public.....	860	918	858	865	898	857	(NA)	814	822	916	887	782	422	272	181
Private.....	190	220	245	263	235	223	(NA)	188	199	187	175	166	100	86	46
College:															
Full time.....	767	810	806	800	815	776	723	748	753	803	817	742	427	218	(NA)
Percent.....	73.1	71.2	73.1	71.0	71.9	71.9	71.8	74.6	73.8	72.8	76.9	78.3	81.8	79.6	(NA)
SPANISH ORIGIN[3]															
Total enrolled....	5,070	4,284	4,618	4,478	4,551	4,378	4,263	3,608	3,455	3,516	3,623	3,741	(NA)	(NA)	(NA)
Nursery school.....	168	117	108	83	131	126	146	89	87	75	68	85	(NA)	(NA)	(NA)
Public.....	105	78	60	46	68	66	70	50	47	30	38	47	(NA)	(NA)	(NA)
Private.....	63	39	48	37	63	60	75	39	39	46	30	39	(NA)	(NA)	(NA)
Kindergarten.....	364	293	335	329	306	292	263	226	231	220	262	235	(NA)	(NA)	(NA)
Public.....	315	267	285	291	282	268	234	210	198	206	242	218	(NA)	(NA)	(NA)
Private.....	49	26	50	37	24	23	30	16	33	14	20	17	(NA)	(NA)	(NA)
Elementary school.....	2,803	2,384	2,548	2,501	2,474	2,373	2,363	1,934	1,893	1,874	1,934	2,062	(NA)	(NA)	(NA)
Public.....	2,607	2,218	2,323	2,276	2,239	2,146	2,134	1,745	1,704	1,654	1,768	1,858	(NA)	(NA)	(NA)
Private.....	196	166	225	225	235	227	228	189	188	220	165	204	(NA)	(NA)	(NA)
High school.....	1,156	966	1,104	1,072	1,130	1,101	1,048	920	868	928	932	948	(NA)	(NA)	(NA)
Public.....	1,090	909	1,027	995	1,056	1,029	(NA)	875	825	836	867	886	(NA)	(NA)	(NA)
Private.....	67	57	77	77	74	72	(NA)	45	43	92	65	61	(NA)	(NA)	(NA)
College.....	579	524	523	493	510	486	443	440	377	418	427	411	(NA)	(NA)	(NA)
Public.....	464	433	441	398	398	379	(NA)	365	315	357	354	358	(NA)	(NA)	(NA)
Private.....	116	91	82	96	112	107	(NA)	75	62	60	73	53	(NA)	(NA)	(NA)
College:															
Full time.....	381	356	335	312	343	326	294	314	231	287	297	287	(NA)	(NA)	(NA)
Percent.....	65.8	67.9	64.1	63.3	67.3	67.1	66.4	71.4	61.3	68.7	69.6	69.8	(NA)	(NA)	(NA)

[1] Controlled to 1980 census base.
[2] Controlled to 1970 census base.
[3] Persons of Spanish origin may be of any race.
[4] Enrollment figures for 1960 and 1965 are for Black and other races.
[5] Enrollment figures for 1960 are for the population 5 to 34 years old.

Table 2. Percentage of Persons 3 to 34 Years Old Enrolled in School, by Age and Sex: October 1960 to 1985

(Civilian noninstitutional population. For meaning of symbols, see text)

Age and sex	1985	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1970	1965	1960
Total, 3 to 34 years..	48.3	47.9	48.4	48.6	48.9	49.1	49.7	50.3	51.2	52.5	53.1	53.7	56.4	55.5	[3]56.4
3 and 4 years.....	38.9	36.3	37.5	36.4	36.0	36.1	36.7	35.1	34.2	32.0	31.3	31.5	20.5	10.6	(NA)
5 and 6 years.....	96.1	94.5	95.4	95.0	94.0	94.1	95.7	95.8	95.3	95.8	95.5	94.7	89.5	84.9	80.7
7 to 13 years.....	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.2	99.1	99.4	99.2	99.3	99.2	99.4	99.5
14 to 17 years.....	94.9	94.7	95.0	94.4	94.1	94.2	93.4	93.6	93.7	93.6	93.7	93.6	94.1	93.2	90.3
18 and 19 years.....	51.6	50.1	50.4	47.8	49.0	49.1	46.4	45.0	45.4	46.2	46.2	46.9	47.7	46.3	38.4
20 and 21 years.....	35.3	33.9	32.5	34.0	31.6	31.7	31.0	30.2	29.5	31.8	32.0	31.2	31.9	27.6	19.4
22 to 24 years.....	16.9	17.3	16.6	16.8	16.5	16.4	16.3	15.8	16.3	16.5	17.1	16.2	14.9	13.2	8.7
25 to 29 years.....	9.2	9.1	9.6	9.6	9.0	8.9	9.3	9.6	9.4	10.8	10.0	10.1	7.5	6.1	4.9
30 to 34 years.....	6.1	6.3	6.4	6.3	6.9	6.9	6.4	6.4	6.4	6.9	6.0	6.6	4.2	3.2	2.4
Male, 3 to 34 years....	49.2	49.1	49.7	49.7	50.2	50.4	50.9	51.8	52.9	54.3	55.1	56.0	59.7	58.8	[3]60.0
3 and 4 years.....	36.7	35.9	38.1	36.4	36.8	36.7	37.8	34.6	34.0	32.1	30.9	30.9	21.2	10.2	(NA)
5 and 6 years.....	95.3	94.0	95.1	94.7	94.2	94.2	95.0	96.3	95.1	94.7	95.6	94.4	88.9	84.9	80.8
7 to 13 years.....	99.2	99.1	99.1	99.1	99.1	99.1	99.2	99.0	99.0	99.3	99.0	99.0	99.0	99.3	99.5
14 to 17 years.....	95.4	94.7	95.1	94.9	94.3	94.4	93.7	94.5	93.9	94.3	94.6	94.6	94.8	93.6	91.4
18 and 19 years.....	52.2	52.4	50.4	48.9	50.5	50.5	47.0	46.6	47.8	48.4	48.2	49.9	54.4	55.6	47.8
20 and 21 years.....	36.5	36.2	35.2	35.2	32.1	32.2	32.6	31.6	31.7	34.6	33.6	35.3	42.7	37.6	27.1
22 to 24 years.....	18.8	20.1	19.4	18.5	19.2	19.1	17.8	17.6	19.1	19.7	20.7	20.0	21.2	21.1	15.0
25 to 29 years.....	9.4	9.6	10.7	10.1	9.6	9.5	9.8	10.4	10.9	12.6	13.0	13.1	11.0	9.4	8.4
30 to 34 years.....	5.4	5.8	5.8	5.6	6.2	6.2	5.9	6.0	6.5	7.1	6.8	7.7	5.3	4.5	3.7
Female, 3 to 34 years..	47.4	46.6	47.0	47.5	47.7	47.9	48.5	49.0	49.5	50.7	51.0	51.5	53.2	52.3	[3]52.8
3 and 4 years.....	41.2	36.7	36.9	36.4	35.2	35.4	35.5	35.6	34.5	32.0	31.6	32.1	19.8	10.9	(NA)
5 and 6 years.....	97.0	95.1	95.8	95.3	93.8	93.9	96.4	95.2	95.5	96.9	95.5	95.1	90.2	84.9	80.6
7 to 13 years.....	99.3	99.4	99.3	99.3	99.4	99.4	99.3	99.4	99.3	99.5	99.3	99.6	99.4	99.4	99.6
14 to 17 years.....	94.5	94.7	94.9	94.0	93.9	94.0	93.1	92.6	93.5	93.0	92.8	92.6	93.4	92.8	89.2
18 and 19 years.....	51.0	48.0	50.3	46.8	47.5	47.7	45.8	43.4	43.0	44.0	44.4	44.2	41.6	37.7	30.0
20 and 21 years.....	34.1	31.7	29.9	32.9	31.2	31.2	29.5	28.9	27.5	29.1	30.6	27.4	23.6	19.5	13.1
22 to 24 years.....	15.1	14.6	13.9	15.1	13.9	14.0	14.9	14.1	13.6	13.6	13.8	12.6	9.4	6.5	3.4
25 to 29 years.....	9.1	8.6	8.5	9.0	8.4	8.3	8.8	8.8	7.9	9.1	7.3	7.2	4.3	3.1	1.8
30 to 34 years.....	6.8	6.7	7.0	6.9	7.5	7.5	7.0	6.7	6.2	6.7	5.2	5.6	3.1	2.1	1.2

[1] Controlled to 1980 census base.
[2] Controlled to 1970 census base.
[3] Enrollment figures for 1960 are for the population 5 to 34 years old.

Table 3. College Enrollment of Persons 14 to 34 Years Old, by Sex, Race, and Spanish Origin: October 1965 to 1985

(In thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Sex, race, and Spanish origin	1985	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1970	1965
ALL RACES														
Total, enrolled in college..	10,863	10,859	10,825	10,919	10,734	10,437	10,180	9,978	9,838	10,217	9,950	9,697	7,413	5,675
Male.....	5,345	5,513	5,504	5,409	5,372	5,193	5,025	4,993	5,124	5,369	5,296	5,342	4,401	3,503
Female.....	5,518	5,347	5,321	5,510	5,363	5,244	5,155	4,986	4,714	4,848	4,654	4,355	3,013	2,172
Year of college:														
First year.....	2,956	3,024	2,987	2,990	3,096	3,032	2,957	2,885	2,766	2,936	2,632	2,886	2,212	1,861
Second year.....	2,585	2,454	2,624	2,617	2,560	2,500	2,411	2,291	2,286	2,364	2,535	2,376	1,739	1,256
Third year.....	1,931	1,981	1,805	1,815	1,799	1,744	1,716	1,653	1,658	1,681	1,748	1,492	1,248	896
Fourth year.....	1,642	1,599	1,595	1,688	1,598	1,543	1,403	1,458	1,445	1,427	1,356	1,354	1,074	803
Fifth year or higher.....	1,749	1,802	1,814	1,810	1,682	1,618	1,692	1,691	1,681	1,810	1,680	1,589	1,140	859
WHITE														
Total, enrolled in college...	9,334	9,269	9,242	9,328	9,162	8,983	8,875	8,709	8,514	8,812	8,644	8,516	6,759	5,317
Male.....	4,633	4,709	4,718	4,650	4,620	4,514	4,438	4,400	4,508	4,717	4,658	4,771	4,066	3,326
Female.....	4,701	4,559	4,524	4,679	4,543	4,469	4,437	4,309	4,006	4,095	3,986	3,743	2,693	1,991
BLACK														
Total, enrolled in college...	1,049	1,138	1,102	1,127	1,133	1,080	1,007	1,002	1,020	1,103	1,062	948	522	274
Male.....	458	544	497	482	505	474	437	434	452	490	489	442	253	126
Female.....	591	594	605	645	628	606	570	568	569	614	573	506	269	148
SPANISH ORIGIN[3]														
Total, enrolled in college...	579	524	523	493	510	486	443	440	377	418	427	411	(NA)	(NA)
Male.....	280	232	253	216	258	243	222	226	196	223	223	219	(NA)	(NA)
Female.....	299	292	270	278	252	243	221	214	181	194	204	192	(NA)	(NA)

[1] Controlled to 1980 census base.
[2] Controlled to 1970 census base.
[3] Persons of Spanish origin may be of any race.

Table 4. Age Distribution of College Students 14 Years Old and Over, by Sex: October 1972 to 1985

(Numbers in thousands. Civilian noninstitutional population)

Age and sex	1985	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1974	1973	1972
NUMBER															
Both Sexes															
Total, 14 years and over...	12,524	12,304	12,320	12,308	12,127	11,814	11,387	11,380	11,141	11,546	11,139	10,880	9,852	8,966	9,096
14 to 17 years.....	262	253	260	254	232	226	249	311	274	274	281	293	309	295	295
18 and 19 years.....	2,907	2,867	2,940	2,929	3,044	3,024	2,933	2,844	2,899	2,913	2,937	2,943	2,597	2,517	2,680
20 and 21 years.....	2,616	2,597	2,495	2,689	2,545	2,484	2,423	2,353	2,298	2,430	2,398	2,313	2,192	2,073	2,116
22 to 24 years.....	2,014	2,127	2,042	2,060	1,986	1,897	1,870	1,794	1,798	1,799	1,846	1,679	1,527	1,465	1,461
25 to 29 years.....	1,884	1,857	1,921	1,859	1,717	1,627	1,641	1,679	1,619	1,809	1,686	1,616	1,482	1,278	1,229
30 to 34 years.....	1,180	1,158	1,167	1,129	1,211	1,179	1,062	996	950	992	803	853	720	551	531
35 years and over.....	1,661	1,445	1,495	1,389	1,393	1,377	1,207	1,402	1,303	1,329	1,189	1,183	1,025	787	783
Male															
Total, 14 years and over...	5,906	5,989	6,010	5,899	5,825	5,636	5,430	5,480	5,580	5,889	5,785	5,911	5,402	5,048	5,218
14 to 17 years.....	131	91	108	112	96	94	96	129	106	112	105	128	145	121	141
18 and 19 years.....	1,349	1,373	1,340	1,376	1,450	1,432	1,369	1,341	1,391	1,396	1,391	1,426	1,262	1,293	1,366
20 and 21 years.....	1,313	1,337	1,310	1,346	1,239	1,212	1,246	1,192	1,202	1,280	1,209	1,256	1,206	1,130	1,170
22 to 24 years.....	1,087	1,219	1,170	1,115	1,144	1,080	989	975	1,028	1,036	1,073	1,011	943	937	998
25 to 29 years.....	942	965	1,055	968	909	858	853	893	922	1,035	1,067	1,025	951	867	848
30 to 34 years.....	522	527	521	492	533	517	472	463	474	511	451	496	420	329	330
35 years and over.....	561	476	506	490	453	443	405	487	457	520	489	569	476	371	365
Female															
Total, 14 years and over...	6,618	6,315	6,310	6,410	6,303	6,178	5,957	5,900	5,559	5,657	5,354	4,969	4,449	3,918	3,877
14 to 17 years.....	129	161	153	141	136	132	153	183	168	162	176	164	165	174	153
18 and 19 years.....	1,559	1,494	1,600	1,553	1,594	1,592	1,565	1,503	1,507	1,517	1,546	1,517	1,335	1,224	1,314
20 and 21 years.....	1,303	1,260	1,185	1,343	1,305	1,271	1,178	1,161	1,096	1,151	1,189	1,058	986	944	946
22 to 24 years.....	926	908	872	945	842	817	882	818	770	763	773	668	584	528	464
25 to 29 years.....	941	892	865	891	808	769	788	786	697	774	619	590	531	411	381
30 to 34 years.....	658	630	645	637	677	662	590	533	476	481	352	357	300	222	200
35 years and over.....	1,100	970	989	900	940	934	802	914	845	809	700	614	548	416	418
PERCENT															
Both Sexes															
Total, 14 years and over...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years.....	2.1	2.1	2.1	2.1	1.9	1.9	2.2	2.7	2.5	2.4	2.5	2.7	3.1	3.3	3.2
18 and 19 years.....	23.2	23.3	23.9	23.8	25.1	25.6	25.8	25.0	26.0	25.2	26.4	27.0	26.4	28.1	29.5
20 and 21 years.....	20.9	21.1	20.3	21.8	21.0	21.0	21.3	20.7	20.6	21.0	21.5	21.3	22.2	23.1	23.3
22 to 24 years.....	16.1	17.3	16.6	16.7	16.4	16.1	16.4	15.8	16.1	15.6	16.6	15.4	15.5	16.3	16.1
25 to 29 years.....	15.0	15.1	15.6	15.1	14.2	13.8	14.4	14.8	14.5	15.7	15.1	14.9	15.0	14.3	13.5
30 to 34 years.....	9.4	9.4	9.5	9.2	10.0	10.0	9.3	8.8	8.5	8.6	7.2	7.8	7.3	6.1	5.8
35 years and over.....	13.3	11.7	12.1	11.3	11.5	11.7	10.6	12.3	11.7	11.5	10.7	10.8	10.4	8.8	8.6
Male															
Total, 14 years and over...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years.....	2.2	1.5	1.8	1.9	1.6	1.7	1.8	2.4	1.9	1.9	1.8	2.2	2.7	2.4	2.7
18 and 19 years.....	22.8	22.9	22.3	23.3	24.9	25.4	25.2	24.5	24.9	23.7	24.0	24.1	23.4	25.6	26.2
20 and 21 years.....	22.2	22.3	21.8	22.8	21.3	21.5	22.9	21.8	21.5	21.7	20.9	21.2	22.3	22.4	22.4
22 to 24 years.....	18.4	20.4	19.5	18.9	19.6	19.2	18.2	17.8	18.4	17.6	18.6	17.1	17.5	18.6	19.1
25 to 29 years.....	15.9	16.1	17.6	16.4	15.6	15.2	15.7	16.3	16.5	17.6	18.4	17.3	17.6	17.2	16.3
30 to 34 years.....	8.8	8.8	8.7	8.3	9.2	9.2	8.7	8.4	8.5	8.7	7.8	8.4	7.8	6.5	6.3
35 years and over.....	9.5	7.9	8.4	8.3	7.8	7.9	7.5	8.9	8.2	8.8	8.5	9.6	8.8	7.3	7.0
Female															
Total, 14 years and over...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years.....	1.9	2.5	2.4	2.2	2.2	2.1	2.6	3.1	3.0	2.9	3.3	3.3	3.7	4.4	3.9
18 and 19 years.....	23.6	23.7	25.4	24.2	25.3	25.8	26.3	25.5	27.1	26.8	28.9	30.5	30.0	31.2	33.9
20 and 21 years.....	19.7	20.0	18.8	21.0	20.7	20.7	19.8	19.7	19.7	20.3	22.2	21.3	22.2	24.1	24.4
22 to 24 years.....	14.0	14.4	13.8	14.7	13.4	13.2	14.8	13.9	13.9	13.5	14.4	13.4	13.1	13.5	12.0
25 to 29 years.....	14.2	14.1	13.7	13.9	12.8	12.4	13.2	13.3	12.5	13.7	11.6	11.9	11.9	10.5	9.8
30 to 34 years.....	9.9	10.0	10.2	9.9	10.7	10.7	9.9	9.0	8.6	8.5	6.6	7.2	6.7	5.7	5.2
35 years and over.....	16.6	15.4	15.7	14.0	14.9	15.1	13.5	15.5	15.2	14.3	13.1	12.4	12.3	10.6	10.8

[1] Controlled to 1980 census base.
[2] Controlled to 1970 census base.

Table 5. College Enrollment of Students 14 to 34 Years Old, by Type of College, Attendance Status, Age, and Sex: October 1970 to 1985

(In thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Age, sex, full-time status, and type of college	1985	1984	1983	1982	1981[1]	1981[2]	1980	1979	1978	1977	1976	1975	1970
ALL COLLEGE STUDENTS													
Total, 14 to 34 years...	10,863	10,859	10,825	10,919	10,734	10,437	10,180	9,978	9,839	10,218	9,950	9,697	7,413
ALL UNDERGRADUATES													
Total, 14 to 34 years...	9,114	9,058	9,012	9,110	9,053	8,819	8,488	8,287	8,158	8,408	8,270	8,108	6,274
14 to 19 years...	3,169	3,120	3,200	3,183	3,276	3,250	3,182	3,156	3,173	3,184	3,216	3,237	2,854
20 and 21 years...	2,586	2,565	2,464	2,657	2,511	2,451	2,393	2,308	2,247	2,376	2,358	2,255	1,803
22 to 24 years...	1,475	1,547	1,475	1,526	1,458	1,387	1,316	1,297	1,233	1,206	1,224	1,072	866
25 to 34 years...	1,884	1,828	1,873	1,745	1,808	1,731	1,599	1,526	1,506	1,640	1,472	1,546	750
Public...	7,211	7,242	7,014	7,174	7,035	6,833	(NA)	6,541	6,340	6,683	6,578	6,598	4,910
Private...	1,903	1,816	1,998	1,935	2,018	1,985	(NA)	1,746	1,816	1,724	1,692	1,510	1,363
Male, 14 to 34 years...	4,385	4,506	4,488	4,450	4,443	4,303	4,111	4,106	4,188	4,372	4,301	4,393	3,627
Full time...	3,402	3,519	3,417	3,451	3,397	3,303	3,192	3,163	3,221	3,304	3,291	3,394	3,045
Part time...	984	987	1,071	999	1,046	1,000	920	943	967	1,068	1,010	999	582
Female, 14 to 34 years...	4,728	4,551	4,525	4,660	4,610	4,517	4,377	4,183	3,969	4,027	3,969	3,715	2,646
Full time...	3,452	3,302	3,314	3,355	3,343	3,285	3,123	3,051	2,948	3,002	3,090	2,902	2,164
Part time...	1,276	1,249	1,211	1,305	1,266	1,231	1,254	1,132	1,021	1,025	879	813	482
Full Time													
Total, 14 to 34 years...	6,854	6,823	6,729	6,807	6,740	6,588	6,315	6,225	6,169	6,304	6,381	6,298	5,208
14 to 19 years...	2,900	2,846	2,895	2,880	2,983	2,960	2,897	2,892	2,872	2,855	2,963	2,987	2,685
20 and 21 years...	2,237	2,221	2,124	2,286	2,157	2,106	2,107	1,994	1,919	2,075	2,033	1,958	1,628
22 to 24 years...	1,017	1,067	993	979	986	937	810	814	821	775	821	696	591
25 to 34 years...	701	689	718	662	613	585	500	525	559	598	563	655	301
Part Time													
Total, 14 to 34 years...	2,259	2,237	2,282	2,304	2,312	2,231	2,173	2,062	1,988	2,104	1,889	1,812	1,066
14 to 19 years...	269	274	305	302	293	291	282	264	302	329	253	250	169
20 and 21 years...	349	344	340	372	353	343	286	314	328	301	325	297	175
22 to 24 years...	457	480	482	547	471	450	505	483	412	431	403	376	275
25 to 34 years...	1,184	1,139	1,153	1,083	1,195	1,146	1,098	1,001	947	1,042	909	891	449
TWO-YEAR COLLEGE STUDENTS													
Total, 14 to 34 years...	2,772	2,756	2,931	3,011	2,892	2,801	2,666	2,407	2,453	2,510	2,435	2,561	1,692
14 to 19 years...	959	994	1,050	1,088	1,144	1,125	1,080	933	966	933	907	1,024	895
20 and 21 years...	558	525	595	604	566	549	450	403	427	455	444	431	281
22 to 24 years...	403	442	405	494	414	392	417	407	391	380	367	354	234
25 to 34 years...	851	795	882	826	768	735	721	664	670	741	718	752	283
Public...	2,516	2,496	2,663	2,750	2,646	2,559	(NA)	2,233	2,247	2,362	2,282	2,437	1,559
Private...	256	260	268	260	245	241	(NA)	174	206	148	153	123	133
Male, 14 to 34 years...	1,179	1,333	1,370	1,359	1,333	1,280	1,195	1,106	1,214	1,253	1,272	1,412	1,001
Full time...	678	812	786	832	801	773	739	661	679	681	734	850	726
Part time...	501	521	584	527	532	506	456	445	535	572	538	562	275
Female, 14 to 34 years...	1,593	1,422	1,560	1,652	1,559	1,521	1,472	1,301	1,239	1,256	1,163	1,148	691
Full time...	860	766	852	905	842	825	759	680	664	691	696	717	452
Part time...	733	656	709	747	717	696	713	621	575	565	467	431	239
Full Time													
Total, 14 to 34 years...	1,538	1,579	1,638	1,737	1,643	1,599	1,498	1,341	1,343	1,372	1,430	1,567	1,177
14 to 19 years...	779	812	855	883	927	910	884	749	778	718	764	865	786
20 and 21 years...	341	330	374	381	357	346	287	251	243	283	261	274	197
22 to 24 years...	174	190	159	214	170	162	160	156	157	162	177	155	114
25 to 34 years...	244	247	250	260	188	181	167	185	167	208	228	274	80
Part Time													
Total, 14 to 34 years...	1,234	1,177	1,293	1,274	1,249	1,202	1,168	1,066	1,110	1,138	1,005	994	515
14 to 19 years...	180	182	195	206	217	214	195	184	190	216	143	159	109
20 and 21 years...	217	195	221	223	209	203	163	152	184	172	183	157	84
22 to 24 years...	229	252	245	280	243	230	256	251	234	218	190	199	120
25 to 34 years...	607	548	631	566	579	554	554	479	503	533	490	478	203
GRADUATE STUDENTS													
Total, 14 to 34 years...	1,749	1,802	1,814	1,810	1,681	1,618	1,692	1,691	1,681	1,810	1,680	1,590	1,140
14 to 21 years...	31	32	32	32	34	34	30	44	51	57	42	57	54
22 to 24 years...	540	580	568	535	530	511	554	497	565	593	622	607	488
25 to 34 years...	1,179	1,190	1,214	1,244	1,120	1,074	1,104	1,149	1,063	1,161	1,017	923	599
Public...	1,168	1,225	1,171	1,180	1,124	1,078	(NA)	1,157	1,087	1,241	1,161	1,105	789
Private...	581	576	643	630	558	540	(NA)	534	594	568	519	484	351
Male, 14 to 34 years...	959	1,007	1,017	960	929	890	914	888	935	995	994	949	774
Full time...	550	612	623	568	514	491	500	469	477	548	542	542	432
Part time...	409	395	394	392	415	399	414	419	458	447	452	407	342
Female, 14 to 34 years...	790	794	797	850	753	728	777	804	745	813	686	640	366
Full time...	313	387	359	362	314	305	332	317	334	338	254	267	123
Part time...	477	407	438	488	439	423	445	487	411	475	432	373	243

[1] Controlled to 1980 census
[2] Controlled to 1970 census

Table 6. Enrollment Status of Persons 3 to 34 Years Old, by Age, Sex, Race, and Spanish Origin: October 1985

(Numbers in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Age, sex, race, and Spanish origin	Total population	Enrolled in school						Not enrolled in school					
		Total		Below college level[1]		In college		Total		High school graduate		Not high school graduate	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
ALL RACES													
Both sexes, 3 to 34 years	120,000	58,013	48.3	47,151	39.3	10,863	9.1	61,987	51.7	47,200	39.3	14,787	12.3
3 and 4 years	7,192	2,801	38.9	2,801	38.9	-	-	4,391	61.1	-	-	4,391	61.1
5 and 6 years	6,967	6,697	96.1	6,697	96.1	-	-	270	3.9	-	-	270	3.9
7 to 9 years	9,827	9,740	99.1	9,740	99.1	-	-	87	0.9	-	-	87	0.9
10 to 13 years	13,197	13,109	99.3	13,109	99.3	-	-	88	0.7	-	-	88	0.7
14 and 15 years	7,505	7,362	98.1	7,346	97.9	17	0.2	143	1.9	10	0.1	132	1.8
16 and 17 years	7,260	6,654	91.7	6,409	88.3	245	3.4	606	8.3	101	1.4	505	7.0
18 and 19 years	7,204	3,716	51.6	809	11.2	2,907	40.4	3,488	48.4	2,457	34.1	1,031	14.3
20 and 21 years	7,679	2,708	35.3	91	1.2	2,616	34.1	4,971	64.7	3,907	50.9	1,064	13.9
22 to 24 years	12,239	2,068	16.9	54	0.4	2,014	16.5	10,171	83.1	8,448	69.0	1,724	14.1
25 to 29 years	21,046	1,942	9.2	58	0.3	1,884	9.0	19,104	90.8	16,144	76.7	2,960	14.1
30 to 34 years	19,885	1,218	6.1	38	0.2	1,180	5.9	18,667	93.9	16,133	81.1	2,534	12.7
Male, 3 to 34 years	59,770	29,436	49.2	24,091	40.3	5,345	8.9	30,334	50.8	22,739	38.0	7,594	12.7
3 and 4 years	3,666	1,347	36.7	1,347	36.7	-	-	2,319	63.3	-	-	2,319	63.3
5 and 6 years	3,590	3,422	95.3	3,422	95.3	-	-	168	4.7	-	-	168	4.7
7 to 9 years	5,023	4,975	99.0	4,975	99.0	-	-	48	1.0	-	-	49	1.0
10 to 13 years	6,743	6,691	99.2	6,691	99.2	-	-	52	0.8	-	-	52	0.8
14 and 15 years	3,842	3,775	98.3	3,762	97.9	13	0.3	67	1.7	6	0.2	61	1.6
16 and 17 years	3,693	3,411	92.4	3,293	89.2	118	3.2	282	7.6	33	0.9	249	6.7
18 and 19 years	3,550	1,852	52.2	504	14.2	1,349	38.0	1,698	47.8	1,118	31.5	580	16.3
20 and 21 years	3,710	1,353	36.5	40	1.1	1,313	35.4	2,357	63.5	1,805	48.7	552	14.9
22 to 24 years	5,939	1,114	18.8	26	0.4	1,087	18.3	4,825	81.2	3,942	66.4	883	14.9
25 to 29 years	10,302	967	9.4	25	0.2	942	9.1	9,335	90.6	7,868	76.4	1,467	14.2
30 to 34 years	9,711	527	5.4	5	0.1	522	5.4	9,184	94.6	7,967	82.0	1,217	12.5
Female, 3 to 34 years	60,230	28,577	47.4	23,059	38.3	5,518	9.2	31,653	52.6	24,460	40.6	7,192	11.9
3 and 4 years	3,525	1,453	41.2	1,453	41.2	-	-	2,072	58.8	-	-	2,072	58.8
5 and 6 years	3,376	3,274	97.0	3,274	97.0	-	-	102	3.0	-	-	102	3.0
7 to 9 years	4,804	4,765	99.2	4,765	99.2	-	-	39	0.8	-	-	39	0.8
10 to 13 years	6,454	6,417	99.4	6,417	99.4	-	-	37	0.6	-	-	37	0.6
14 and 15 years	3,663	3,587	97.9	3,583	97.8	3	0.1	76	2.1	4	0.1	72	2.0
16 and 17 years	3,567	3,243	90.9	3,117	87.4	126	3.5	324	9.1	68	1.9	256	7.2
18 and 19 years	3,654	1,864	51.0	305	8.4	1,559	42.7	1,790	49.0	1,340	36.7	451	12.3
20 and 21 years	3,969	1,355	34.1	51	1.3	1,303	32.8	2,614	65.9	2,102	52.9	513	12.9
22 to 24 years	6,300	954	15.1	27	0.4	926	14.7	5,346	84.9	4,506	71.5	840	13.3
25 to 29 years	10,744	975	9.1	33	0.3	941	8.8	9,769	90.9	8,276	77.0	1,493	13.9
30 to 34 years	10,174	691	6.8	33	0.3	658	6.5	9,483	93.2	8,165	80.3	1,318	12.9
WHITE													
Both sexes, 3 to 34 years	99,370	47,452	47.8	38,118	38.4	9,334	9.4	51,918	52.2	40,044	40.3	11,873	11.9
3 and 4 years	5,836	2,250	38.6	2,250	38.6	-	-	3,586	61.4	-	-	3,586	61.4
5 and 6 years	5,643	5,437	96.4	5,437	96.4	-	-	206	3.6	-	-	206	3.6
7 to 9 years	7,949	7,892	99.3	7,892	99.3	-	-	57	0.7	-	-	57	0.7
10 to 13 years	10,650	10,572	99.3	10,572	99.3	-	-	78	0.7	-	-	78	0.7
14 and 15 years	6,126	6,007	98.1	5,996	97.9	11	0.2	119	1.9	10	0.2	109	1.8
16 and 17 years	5,946	5,449	91.6	5,231	88.0	218	3.7	497	8.4	73	1.2	424	7.1
18 and 19 years	5,922	3,105	52.4	566	9.6	2,539	42.9	2,817	47.6	2,002	33.8	815	13.8
20 and 21 years	6,427	2,318	36.1	61	0.9	2,257	35.1	4,109	63.9	3,247	50.5	863	13.4
22 to 24 years	10,283	1,744	17.0	40	0.4	1,704	16.6	8,539	83.0	7,167	69.7	1,372	13.3
25 to 29 years	17,705	1,635	9.2	45	0.3	1,590	9.0	16,070	90.8	13,663	77.2	2,408	13.6
30 to 34 years	16,882	1,043	6.2	29	0.2	1,014	6.0	15,839	93.8	13,882	82.2	1,957	11.6
Male, 3 to 34 years	49,817	24,178	48.5	19,545	39.2	4,633	9.3	25,638	51.5	19,493	39.1	6,146	12.3
3 and 4 years	2,992	1,116	37.3	1,116	37.3	-	-	1,876	62.7	-	-	1,876	62.7
5 and 6 years	2,893	2,767	95.7	2,767	95.7	-	-	126	4.3	-	-	126	4.3
7 to 9 years	4,080	4,052	99.3	4,052	99.3	-	-	28	0.7	-	-	28	0.7
10 to 13 years	5,461	5,419	99.2	5,419	99.2	-	-	42	0.8	-	-	42	0.8
14 and 15 years	3,137	3,081	98.2	3,072	97.9	9	0.3	56	1.8	6	0.2	50	1.6
16 and 17 years	3,037	2,809	92.5	2,698	88.8	111	3.6	228	7.5	26	0.9	203	6.7
18 and 19 years	2,937	1,525	51.9	350	11.9	1,176	40.0	1,412	48.1	934	31.8	478	16.3
20 and 21 years	3,132	1,165	37.2	29	0.9	1,137	36.3	1,967	62.8	1,523	48.6	444	14.2
22 to 24 years	5,039	958	19.0	17	0.3	941	18.7	4,081	81.0	3,366	66.8	715	14.2
25 to 29 years	8,747	833	9.5	21	0.2	812	9.3	7,914	90.5	6,694	76.5	1,220	14.0
30 to 34 years	8,362	454	5.4	5	0.1	449	5.4	7,908	94.6	6,945	83.0	964	11.5
Female, 3 to 34 years	49,553	23,274	47.0	18,572	37.5	4,701	9.5	26,279	53.0	20,551	41.5	5,728	11.6
3 and 4 years	2,844	1,134	39.9	1,134	39.9	-	-	1,710	60.1	-	-	1,710	60.1
5 and 6 years	2,750	2,670	97.1	2,670	97.1	-	-	80	2.9	-	-	80	2.9
7 to 9 years	3,869	3,840	99.3	3,840	99.3	-	-	29	0.7	-	-	29	0.7
10 to 13 years	5,189	5,154	99.3	5,154	99.3	-	-	35	0.7	-	-	35	0.7
14 and 15 years	2,989	2,926	97.9	2,924	97.8	2	0.1	63	2.1	4	0.1	59	2.0
16 and 17 years	2,909	2,641	90.8	2,533	87.1	108	3.7	268	9.2	47	1.6	221	7.6
18 and 19 years	2,985	1,579	52.9	216	7.2	1,363	45.7	1,406	47.1	1,068	35.8	337	11.3
20 and 21 years	3,295	1,152	35.0	32	1.0	1,120	34.0	2,143	65.0	1,724	52.3	419	12.7
22 to 24 years	5,244	786	15.0	22	0.4	764	14.6	4,458	85.0	3,801	72.5	657	12.5
25 to 29 years	8,958	802	9.0	23	0.3	778	8.7	8,156	91.0	6,969	77.8	1,187	13.3
30 to 34 years	8,520	589	6.9	24	0.3	565	6.6	7,931	93.1	6,938	81.4	993	11.7

Table 6. Enrollment Status of Persons 3 to 34 Years Old, by Age, Sex, Race, and Spanish Origin: October 1985—Continued

(Number in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Age, sex, race, and Spanish origin	Total population	Enrolled in school						Not enrolled in school					
		Total		Below college level[1]		In college		Total		High school graduate		Not high school graduate	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
BLACK													
Both sexes, 3 to 34 years	16,589	8,444	50.9	7,395	44.6	1,049	6.3	8,145	49.1	5,756	34.7	2,389	14.4
3 and 4 years	1,100	469	42.7	469	42.7	-	-	631	57.3	-	-	631	57.3
5 and 6 years	1,076	1,030	95.7	1,030	95.7	-	-	46	4.3	-	-	46	4.3
7 to 9 years	1,523	1,499	98.4	1,499	98.4	-	-	24	1.6	-	-	24	1.6
10 to 13 years	2,060	2,050	99.5	2,050	99.5	-	-	10	0.5	-	-	10	0.5
14 and 15 years	1,129	1,106	97.9	1,100	97.4	5	0.5	23	2.1	-	-	23	2.1
16 and 17 years	1,084	994	91.7	978	90.2	16	1.5	90	8.3	20	1.8	70	6.5
18 and 19 years	1,072	472	44.1	214	19.9	259	24.1	600	55.9	414	38.6	186	17.3
20 and 21 years	1,077	298	27.7	25	2.3	274	25.4	779	72.3	588	54.6	190	17.7
22 to 24 years	1,367	215	13.7	14	0.9	201	12.8	1,353	86.3	1,074	68.5	279	17.8
25 to 29 years	2,387	192	7.4	9	0.3	183	7.1	2,395	92.6	1,941	75.0	454	17.5
30 to 34 years	2,313	119	5.1	7	0.3	112	4.8	2,195	94.9	1,719	74.3	475	20.5
Male, 3 to 34 years	7,937	4,173	52.6	3,715	46.8	458	5.8	3,764	47.4	2,577	32.5	1,187	15.0
3 and 4 years	531	184	34.6	184	34.6	-	-	347	65.4	-	-	347	65.4
5 and 6 years	575	544	94.6	544	94.6	-	-	31	5.4	-	-	31	5.4
7 to 9 years	760	746	98.2	746	98.2	-	-	14	1.8	-	-	14	1.8
10 to 13 years	1,043	1,034	99.1	1,034	99.1	-	-	9	0.9	-	-	9	0.9
14 and 15 years	572	561	98.2	557	97.5	4	0.8	10	1.8	-	-	10	1.8
16 and 17 years	546	501	91.8	495	90.7	6	1.0	45	8.2	4	0.7	41	7.6
18 and 19 years	518	256	49.5	136	26.2	121	23.3	262	50.5	170	32.8	92	17.7
20 and 21 years	499	148	29.7	9	1.7	140	28.0	350	70.3	248	49.8	102	20.5
22 to 24 years	703	93	13.2	9	1.3	84	11.9	611	86.8	481	68.5	129	18.4
25 to 29 years	1,157	66	5.7	2	0.2	64	5.5	1,090	94.3	894	77.3	197	17.0
30 to 34 years	1,034	40	3.9	-	-	40	3.9	994	96.1	780	75.4	214	20.7
Female, 3 to 34 years	8,652	4,271	49.4	3,680	42.5	591	6.8	4,381	50.6	3,179	36.7	1,202	13.9
3 and 4 years	570	286	50.2	286	50.2	-	-	284	49.8	-	-	284	49.8
5 and 6 years	500	486	97.1	486	97.1	-	-	14	2.9	-	-	14	2.9
7 to 9 years	763	753	98.7	753	98.7	-	-	10	1.3	-	-	10	1.3
10 to 13 years	1,017	1,016	99.9	1,016	99.9	-	-	1	0.1	-	-	1	0.1
14 and 15 years	558	544	97.6	543	97.4	1	0.2	13	2.4	-	-	13	2.4
16 and 17 years	538	493	91.6	483	89.7	10	1.9	45	8.4	16	3.0	29	5.4
18 and 19 years	554	216	39.0	78	14.1	138	24.9	338	61.0	244	44.0	94	16.9
20 and 21 years	578	150	26.0	16	2.8	134	23.1	428	74.0	340	58.8	88	15.3
22 to 24 years	864	122	14.1	5	0.6	117	13.5	742	85.9	592	68.5	150	17.4
25 to 29 years	1,430	125	8.8	7	0.5	119	8.3	1,305	91.2	1,048	73.3	257	18.0
30 to 34 years	1,280	79	6.2	7	0.5	72	5.6	1,201	93.8	940	73.4	261	20.4
SPANISH ORIGIN[1]													
Both sexes, 3 to 34 years	10,631	5,070	47.7	4,491	42.2	579	5.4	5,561	52.3	2,787	26.2	2,774	26.1
3 and 4 years	789	213	27.0	213	27.0	-	-	576	73.0	-	-	576	73.0
5 and 6 years	701	662	94.5	662	94.5	-	-	38	5.5	-	-	38	5.5
7 to 9 years	1,016	1,000	98.4	1,000	98.4	-	-	16	1.6	-	-	16	1.6
10 to 13 years	1,330	1,322	99.4	1,322	99.4	-	-	8	0.6	-	-	8	0.6
14 and 15 years	630	606	96.1	606	96.1	-	-	25	3.9	2	0.3	23	3.6
16 and 17 years	665	562	84.5	547	82.1	16	2.4	103	15.5	6	0.9	97	14.5
18 and 19 years	570	238	41.8	112	19.6	127	22.2	332	58.2	157	27.6	175	30.6
20 and 21 years	574	137	24.0	9	1.6	128	22.4	436	76.0	276	48.1	160	27.9
22 to 24 years	1,077	125	11.6	5	0.5	120	11.1	952	88.4	588	54.5	365	33.9
25 to 29 years	1,827	120	6.6	9	0.5	111	6.1	1,707	93.4	993	54.4	713	39.1
30 to 34 years	1,452	83	5.7	6	0.4	78	5.3	1,368	94.3	765	52.7	603	41.5
Male, 3 to 34 years	5,379	2,553	47.5	2,273	42.3	280	5.2	2,826	52.5	1,390	25.8	1,436	26.7
3 and 4 years	431	114	26.4	114	26.4	-	-	317	73.6	-	-	317	73.6
5 and 6 years	356	339	95.3	339	95.3	-	-	17	4.7	-	-	17	4.7
7 to 9 years	497	491	98.9	491	98.9	-	-	6	1.1	-	-	6	1.1
10 to 13 years	696	690	99.1	690	99.1	-	-	6	0.9	-	-	6	0.9
14 and 15 years	288	277	96.2	277	96.2	-	-	11	3.8	2	0.6	9	3.2
16 and 17 years	341	303	88.9	293	86.0	10	2.9	38	11.1	4	1.0	34	10.1
18 and 19 years	275	106	38.6	62	22.5	44	16.2	169	61.4	53	19.2	116	42.2
20 and 21 years	276	56	20.3	2	0.9	53	19.4	220	79.7	127	46.2	92	33.5
22 to 24 years	381	73	12.6	2	0.3	71	12.3	508	87.4	311	53.5	197	33.9
25 to 29 years	917	75	8.2	3	0.3	72	7.9	842	91.8	497	54.2	345	37.6
30 to 34 years	722	29	4.0	-	-	29	4.0	694	96.0	396	54.9	297	41.1
Female, 3 to 34 years	5,252	2,517	47.9	2,217	42.2	299	5.7	2,736	52.1	1,398	26.6	1,338	25.5
3 and 4 years	359	99	27.7	99	27.7	-	-	259	72.3	-	-	259	72.3
5 and 6 years	345	323	93.7	323	93.7	-	-	22	6.3	-	-	22	6.3
7 to 9 years	520	509	98.0	509	98.0	-	-	10	2.0	-	-	10	2.0
10 to 13 years	634	632	99.7	632	99.7	-	-	2	0.3	-	-	2	0.3
14 and 15 years	342	329	96.0	329	96.0	-	-	14	4.0	-	-	14	4.0
16 and 17 years	325	260	80.0	254	78.1	6	1.8	65	20.0	3	0.9	62	19.2
18 and 19 years	296	132	44.7	50	16.9	82	27.8	163	55.3	104	35.3	59	19.9
20 and 21 years	298	82	27.4	7	2.2	75	25.2	216	72.6	148	49.8	68	22.8
22 to 24 years	497	52	10.4	3	0.7	48	9.7	445	89.6	277	55.8	168	33.8
25 to 29 years	909	45	4.9	6	0.6	39	4.3	865	95.1	496	54.5	369	40.6
30 to 34 years	729	54	7.5	5	0.7	49	6.7	675	92.5	369	50.6	306	41.9

[1]Persons of Spanish origin may be of any race.

Appendix. Source and Reliability of Estimates

SOURCE OF DATA

The estimates of school enrollment in 1985 are based on data obtained in October 1985 from the Current Population Survey (CPS) conducted by the Bureau of the Census. The present CPS sample was selected from the 1980 census files with coverage in all 50 States and the District of Columbia. The sample is continually updated to reflect new construction. The current CPS sample is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions in the Nation. In this sample, approximately 60,500 occupied households were eligible for interview. Of this number, about 2,500 occupied units were visited but interviews were not obtained because the occupants were not found at home after repeated calls or were unavailable for some other reason.

Current Population Survey weighting procedure. The estimation procedure used for this survey involved the inflation of the weighted sample results to independent estimates of the civilian noninstitutional population of the United States by age, race and sex, and Hispanic/non-Hispanic categories. These independent estimates are based on statistics from decennial censuses of population; statistics on births, deaths, immigration, and emigration; and statistics on the strength of the Armed Forces.

The estimates in this report for 1985 are also based on a revised Spanish weighting procedure for persons of Spanish origin. In previous years the estimation procedures used in this survey involved the inflation of weighted sample results to independent estimates of the noninstitutional population by age, sex, and race. There was, therefore, no specific control of the survey estimates for the Spanish origin population. During the last several years, the Bureau of the Census has developed independent population controls for the Hispanic population by sex and detailed age groups and has adopted revised weighting procedures to incorporate these new controls. It should be noted that the independent population estimates include some, but not all, undocumented immigrants.

Data from 1972 to 1980 were obtained using independent population estimates based on the 1970 decennial census. Estimates for earlier years were based on earlier censuses. Data for 1981 and later years utilized independent estimates derived from the 1980 decennial census.

Two sets of estimates for 1981 are shown in some of the tables in this report; one set results from using independent population estimates based on the more up-to-date 1980 decennial census and the other set results from using 1970 Census based population estimates. The 1970 based estimates have been included to provide continuity in the time series with previous years. Comparing the 1980 based estimates with the 1970 based estimates provides a measure of the effect of changing to the 1980 based estimation procedure.

RELIABILITY OF ESTIMATES

Since the CPS estimates were based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions and enumerators. There are two types of errors possible in an estimate based on a sample survey; sampling and nonsampling. The accuracy of a survey result depends on both types of errors, but the full extent of the nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates. The standard errors provided for the CPS estimates primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in responses and enumeration; but do not measure any systematic biases in the data. (Bias is the difference averaged over all possible samples, between the estimate and the desired value.)

Sampling variability. The standard errors presented in tables A-1 through A-4 are primarily measures of sampling variability; that is, of the variations that occurred by chance because a sample rather than the entire population was surveyed. The sample estimate and its standard error enable one to construct interval estimates that include the average results of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under identical conditions using the same design; and an estimate and its standard error were calculated from each sample, then:

1. Approximately 90 percent of the intervals from 1.6 standard errors below the estimates to 1.6 standard errors above the estimate would include the average results of all possible samples.
2. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average results of all possible samples.

Table A-1. Generalized Standard Errors for Estimated Numbers of Persons—Total or White

(Numbers in thousands)

Estimated number of persons	Total persons in age group									
	100	250	500	1,000	2,500	5,000	1,0000	25,000	50,000	10,0000
10	4.6	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
20	6.1	6.5	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8
30	7.0	7.8	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.3
40	7.4	8.8	9.2	9.4	9.5	9.6	9.6	9.6	9.6	9.6
50	7.6	9.6	10.2	10.5	10.6	10.7	10.7	10.7	10.7	10.7
75	6.6	11.0	12.1	12.7	13.0	13.1	13.1	13.1	13.2	13.2
100	(X)	11.8	13.6	14.4	14.9	15.1	15.1	15.2	15.2	15.2
200	(X)	9.6	16.7	19.2	20.6	21.1	21.3	21.4	21.5	21.5
300	(X)	(X)	16.7	22.0	24.7	25.5	25.9	26.2	26.3	26.3
400	(X)	(X)	13.6	23.6	27.9	29.2	29.8	30.2	30.3	30.3
500	(X)	(X)	(X)	24.0	30.4	32.3	33.1	33.7	33.8	33.9
750	(X)	(X)	(X)	20.8	34.8	38.4	40.0	41.0	41.3	41.5
1,000	(X)	(X)	(X)	(X)	37.2	43.0	45.6	47.1	47.6	47.8
2,000	(X)	(X)	(X)	(X)	30.4	52.7	60.8	65.2	66.6	67.3
3,000	(X)	(X)	(X)	(X)	(X)	52.7	69.7	78.1	80.7	82.0
4,000	(X)	(X)	(X)	(X)	(X)	43.0	74.5	88.1	92.2	94.2
5,000	(X)	(X)	(X)	(X)	(X)	(X)	76.0	96.2	102.0	104.8
7,500	(X)	(X)	(X)	(X)	(X)	(X)	65.8	110.2	121.4	126.6
10,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	117.8	136.0	144.2
20,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	96.2	166.6	192.3
30,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	166.6	220.3
40,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	136.0	235.6
50,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	240.4
75,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	208.2
100,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

(X) Not applicable.

Note: (i) To estimate standard errors for years prior to 1956, multiply the above standard errors by 1.4; for 1956 to 1966 multiply by 1.14; and for 1967 to 1980 multiply by 0.93. (ii) The standard errors were calculated using the formula, $\sqrt{-(b/T)x^2 + bx}$, where b = 2312 (from table A–5) and T is the total number of persons in an age group.

Table A-2. Generalized Standard Errors for Estimated Numbers of Persons: Black and Hispanic

(Numbers in thousands)

Estimated number of persons	Total persons in age group						
	100	250	500	1000	2500	5000	10000
10	4.8	5.0	5.0	5.1	5.1	5.1	5.1
20	6.4	6.9	7.1	7.1	7.2	7.2	7.2
30	7.4	8.3	8.6	8.7	8.8	8.8	8.8
40	7.9	9.3	9.8	10.0	10.1	10.2	10.2
50	8.1	10.2	10.8	11.1	11.3	11.3	11.4
75	7.0	11.7	12.9	13.4	13.8	13.9	13.9
100	(X)	12.5	14.4	15.3	15.8	16.0	16.0
200	(X)	10.2	17.7	20.4	21.9	22.3	22.6
300	(X)	(X)	17.7	23.4	26.2	27.1	27.5
400	(X)	(X)	14.4	25.0	29.6	30.9	31.6
500	(X)	(X)	(X)	25.5	32.2	34.2	35.1
750	(X)	(X)	(X)	22.1	36.9	40.7	42.5
1,000	(X)	(X)	(X)	(X)	39.5	45.6	48.4
2,000	(X)	(X)	(X)	(X)	32.2	55.9	64.5
3,000	(X)	(X)	(X)	(X)	(X)	55.9	73.9
4,000	(X)	(X)	(X)	(X)	(X)	45.6	79.0
5,000	(X)	(X)	(X)	(X)	(X)	(X)	80.6
7,500	(X)	(X)	(X)	(X)	(X)	(X)	69.8
10,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)

(X) Not applicable.

Note: (i) To estimate standard errors for years prior to 1956, multiply the above standard errors by 1.4; for 1956 to 1966 multiply by 1.14; and for 1967 to 1980 multiply by 0.93. (ii) The standard errors were calculated using the formula, $\sqrt{-(b/T)x^2 + bx}$, where b = 2600 (from table A-5) and T is the total number of persons in an age group.

Table A-3. Generalized Standard Errors of Estimated Percentages—Total or White

Base of percentage (thousands)	Estimated percentage[1]				
	2 or 98	5 or 95	10 or 90	25 or 75	50
100	2.1	3.3	4.6	6.6	7.6
250	1.3	2.1	2.9	4.2	4.8
500	1.0	1.5	2.0	2.9	3.4
1,000	0.7	1.0	1.4	2.1	2.4
2,500	0.4	0.7	0.9	1.3	1.5
5,000	0.3	0.5	0.6	0.9	1.1
10,000	0.2	0.3	0.5	0.7	0.8
25,000	0.13	0.2	0.3	0.4	0.5
50,000	0.09	0.15	0.2	0.3	0.3
100,000	0.07	0.10	0.05	0.2	0.2
150,000	0.05	0.12	0.12	0.2	0.2

[1]These values must be multiplied by the appropriate "f" factor in table A-5 to obtain the standard error for a specific characteristic.

Note: (i) To estimate standard errors for years prior to 1956, multiply the above standard errors by 1.4; for 1956 to 1966 multiply by 1.14; and for 1967 to 1980 multiply by 0.93.

(ii) The b parameter from table A-5 used to create this table is b = 2312.

Table A-4. Generalized Standard Errors of Estimated Percentages—Black and Hispanic

Base of percentage (thousands)	Estimated percentage				
	2 or 98	5 or 95	10 or 90	25 or 75	50
75	2.6	4.1	5.6	8.1	9.3
100	2.3	3.5	4.8	7.0	8.1
250	1.4	2.2	3.1	4.4	5.1
500	1.0	1.6	2.2	3.1	3.6
1,000	0.7	1.1	1.5	2.2	2.5
2,500	0.5	0.7	1.0	1.4	1.6
5,000	0.3	0.5	0.7	1.0	1.1
10,000	0.2	0.4	0.5	0.7	0.8
15,000	0.2	0.3	0.4	0.6	0.7
20,000	0.2	0.2	0.3	0.5	0.6

[1]These factors must be multiplied by the appropriate "f" factor in table A-5 to obtain the standard error for a specific characteristic.

Note: (i) To estimate standard errors for years prior to 1956, multiply the above standard errors by 1.4; for 1956 to 1966 multiply by 1.14; and for 1967 to 1980 multiply by 0.93. (ii) The b parameter from table A-5 used to create this table is b = 2600.

The average result of all possible samples is or is not contained in any particular computed interval. However, for a particular sample one can say with a specified confidence that the average results of all possible samples is included within the constructed interval.

All statements of comparison in the text have passed a hypothesis test at the 0.10 level of significance or better, and most have passed a hypothesis test at the 0.05 level of significance or better. This means that, for most differences cited in the text, the difference between two sample estimates is greater than twice the standard error of the difference. Statements of comparison qualified in some way (e.g., by use of the phrase, "some evidence") have a level of significance between 1.6 and 2.0 standard errors.

Note when using small estimates. Percent distributions are shown in this report only when the base of the percentage is greater than 75,000. Because of the large standard errors involved, there is little chance that percentages would reveal useful information when computed on a smaller base. Estimated numbers of persons are shown, however, even though the relative standard errors of these numbers are larger than those for the corresponding percentages. These smaller estimates are provided primarily to permit those combinations of the categories which serves each user's needs.

Standard error tables and their use. In order to derive standard errors that would be applicable to a larger number of estimates and could be prepared at a moderate cost, a number of approximations were required. Therefore, instead of providing an individual standard error for each estimate, generalized sets of standard errors are provided for various types of characteristics. As a result, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

The figures presented in tables A-1 through A-4 are approximations to the standard errors of various school enrollment estimates for persons. Standard errors for intermediate values not shown in the generalized tables of standard errors may be approximated by linear interpolation.

Standard errors of estimated numbers and estimated percentages. The approximate standard errors of estimated numbers and percentages can be computed directly with formulas (1) and (2) below, respectively. The formulas are:

$$\sigma_x = \sqrt{ax^2 + bx} \qquad (1)$$

where "x" is the size of the estimate and "a" and "b" are the parameters associated with the characteristic; and

$$\sigma_{(x,p)} = \sqrt{\frac{b}{x}\ p\ (100-p)} \qquad (2)$$

where "x" is the size of the subclass of the population which is the base of the percentage, "p" is the percentage ($0 < p < 100$), and "b" is the parameter associated with the characteristic.

Table A-5 provides the values of the "a" and "b" parameters that are used in formulas (1) and (2) to approximate standard errors of estimated numbers of persons and estimated percentages.

Standard error of a difference. For a difference between two sample estimates, the standard error is approximately equal to

$$\sigma_{(x,y)} = \sqrt{\sigma_x^2 - \sigma_y^2} \qquad (3)$$

where σ_x and σ_y are the standard errors of the estimates x and y; the estimates can be numbers, percents, ratios, etc.

Table A-5. Parameters to be Used for School Enrollment Characteristics for Direct Computation of Standard Errors

(Use for 1981 and later years)

Characteristic	Parameters[1]	
	a	b
Persons enrolled in school		
3-34 years old:		
Total or White	-0.000019	2,312
Black	-0.000129	2,600
Spanish origin	-0.000177	2,600
14-34 years old:		
Total or White	-0.000028	2,312
Black	-0.000195	2,600
Spanish origin	-0.000209	2,600
3-13 years old:		
Total, White	-0.000073	2,698
Black	-0.000393	2,698
Spanish origin	-0.000550	2,698

[1]To obtain "a" and "b" parameters for the October 1967-80 supplements, multiply these parameters by 0.871. To obtain "a" and "b" parameters for 1965, multiply these parameters by 1.307.

This will represent the estimated standard error quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between two separate and uncorrelated characteristics in the same area. If however, there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

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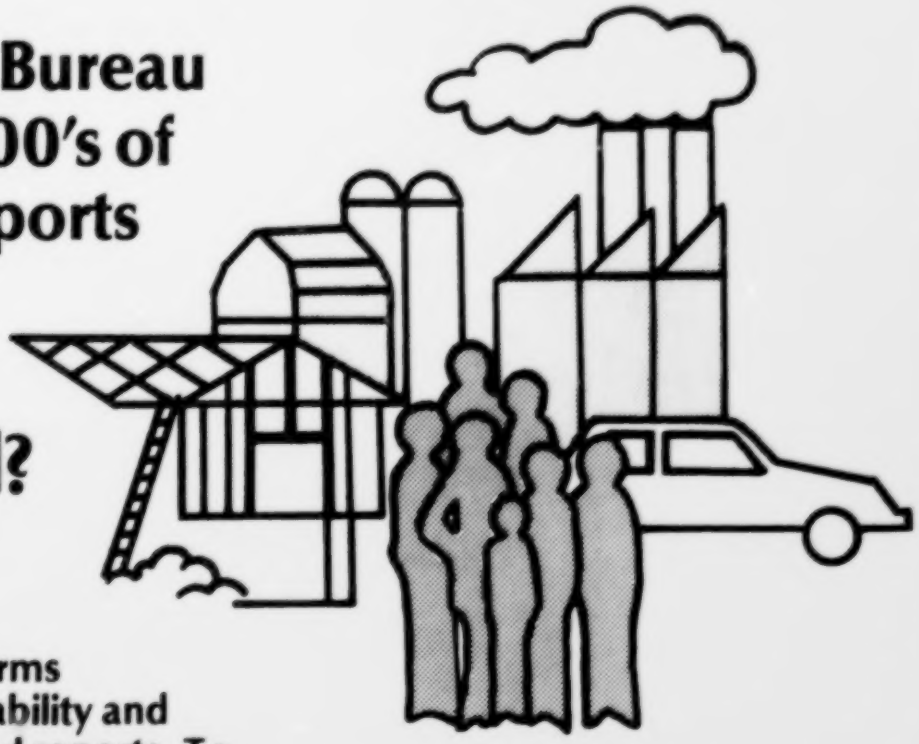

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